

CLAIMS

Claim 1 (Original): A method for generating a graphical representation of call-specific data in a wireless network in conjunction with Xtel and Lucent equipment, said method comprising:

performing a first phone call using said Xtel equipment to obtain a first set of call-specific drive test data from an area covered by said wireless network, wherein said first set of data includes at least a time element of said first phone call;

A) performing a second phone call using said Lucent equipment to perform an RF call trace in connection with said drive test and to obtain a second set of call-specific data, wherein said second set of data includes at least a time element of said second phone call;

combining said first and second sets of data into a combined output file based on respective said time elements of said first and second phone calls; and

processing said combined output file in a thematic mapping software program to provide a graphical representation of said combined output file.

Claim 2 (Original): The method of Claim 1, wherein said call-specific data include signal strength information.

Claim 3 (Original): The method of Claim 1, further comprising performing said second phone call from a switch location in said wireless network.

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Claim 4 (Original): The method of Claim 1, wherein said combined output file includes call-specific data selected from the group consisting of Time, Latitude, Longitude, Forward Signal Strength, Reverse Signal Strength, Forward BER, and Reverse BER.

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Claim 5 (Original): The method of Claim 1, further comprising generating said graphical representation based on signal strength data.

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Claim 6 (Original): The method of Claim 1, wherein said graphical representation is color-coded to reflect one or more levels of signal strength depicted on said graphical representation.

Claim 7 (Original): A computer-readable medium containing instructions for generating a graphical representation of call-specific data in a wireless network in conjunction with Xtel and Lucent equipment, said method comprising:

instructions for performing a first phone call using said Xtel equipment to obtain a first set of call-specific drive test data from an area covered by said wireless network, wherein said first set of data includes at least a time element of said first phone call;

instructions for performing a second phone call using said Lucent equipment to perform an RF call trace in connection with said drive test and to obtain a second set of call-specific data, wherein said second set of data includes at least a time element of said second phone call;

instructions for combining said first and second sets of data into a combined output file based on respective said time elements of said first and second phone calls; and

instructions for processing said combined output file in a thematic mapping software program to provide a graphical representation of said combined output file.

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Claim 8 (Original): The medium of Claim 7, wherein said call-specific data include signal strength information.

Claim 9 (Original): The medium of Claim 7, further comprising instructions for performing said second phone call from a switch location in said wireless network.

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Claim 10 (Original): The medium of Claim 7, wherein said combined output file includes call-specific data selected from the group consisting of Time, Latitude, Longitude, Forward Signal Strength, Reverse Signal Strength, Forward BER, and Reverse BER.

Claim 11 (Original): The medium of Claim 7, further comprising generating said graphical representation based on signal strength data.

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Claim 12 (Original): The medium of Claim 7, wherein said graphical representation is color-coded to reflect one or more levels of signal strength depicted on said graphical representation.

Claim 13 (Original): A system for generating a graphical representation of call-specific data in a wireless network in conjunction with Xtel and Lucent equipment, said method comprising:

AI drive test equipment for performing a first phone call using said Xtel equipment to obtain a first set of call-specific drive test data from an area covered by said wireless network, wherein said first set of data includes at least a time element of said first phone call;

switch equipment for performing a second phone call using said Lucent equipment to perform an RF call trace in connection with said drive test and to obtain a second set of call-specific data, wherein said second set of data includes at least a time element of said second phone call;

a processor for combining said first and second sets of data into a combined output file based on respective said time elements of said first and second phone calls; and

a processor for processing said combined output file in a thematic mapping software program to provide a graphical representation of said combined output file.

Claim 14 (Original): The system of Claim 13, wherein said call-specific data include signal strength information.

Claim 15 (Original): The system of Claim 13, further comprising a switch for performing

said second phone call.

- AI ⁶ Claim 16 (Original): The system of Claim 13, wherein said combined output file includes call-specific data selected from the group consisting of Time, Latitude, Longitude, Forward Signal Strength, Reverse Signal Strength, Forward BER, and Reverse BER.
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